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CHAL - 0543
Copy 3 of 10

30 January 1959

MEMORANDUM FOR THE RECORD

SUBJECT: Discussion with Mr. Kelly Johnson on 22 January 1959
Regarding U-2 Items

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1. Mr. Bissell, [] Col. Geary, Mr. Kiefer and [] discussed the following completed, existing and proposed tests at Edwards Air Force Base regarding the U-2.

2. Stabilization Tests. Completed. Col. Burke was sent a copy of the results. No further action indicated.

3. Autopilot. Kelly stated he would like to utilize item No. 360, which is instrumented, and which is ready to be deployed operationally in 24 hours, if necessary, for tests in connection with [] autopilot. Apparently after about two hours of use the autopilot becomes stiff and unreliable and Kelly suspects a temperature problem in connection with certain components. [] would appreciate notification by headquarters directly or through [] as to whether we approve such tests as a charge to our contract and in connection with the use of item 360. This appears to be an Operations cognizance type of item and that section should determine recommendation for action desired.

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4. Fuel System. Kelly stated a new descent procedure had been recommended at Del Rio. We apparently have had no problems. Manifestation of trouble is that fuel is pumped out the vent. A larger vent is being investigated also. It appears that item 343 is being used for such tests at Edwards AFB.

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5. [] Tests. These tests using the 104 and 106 will be continued at Edwards AFB. High priority item.

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6. Dropping Items. Kelly stated that [] door developed for the FOG downward ejection seat, the only expense involved to actually drop items would be the racks or hatches to hold the droppable

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items. He is very optimistic about both weight which could be carried and accuracy. Low priority item. Mr. Bissell action as to requirements.

7. Iran. Considerable discussion as to schedules. Materiel action to review Lockheed proposal and submit schedule acceptable to us.

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8. Noise Reduction. Oriented toward System VII. Item 344 to be used. Comao - [] - action. Proposal and costs are being solicited from Lockheed on a less grandiose program.

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9. Personnel. Lockheed will train some new personnel for the detachments. Also the work week at Edwards AFB will be reduced from 46 to 40 hours. Lockheed personnel are in touch with Headquarters Personnel - [] - on this item.

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10. Use of Tooling. Approval of U-2 tooling by Lockheed in the event they obtain a contract for additional U-2's was approved, subject to reservations regarding spare parts and modifications required by substituting the J-75 engine. [] action.

11. Possible use of the J-75 was discussed. Kelly will proceed to check this out.

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[]
Director, D & P. DPD-DD/P

GPK:aml (30 Jan 1959)

- 1 - DD/P
- 2 - Col. Burke
- 3 - Operations /
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